

INTERDISCIPLINARY CONNECTIONS TO STUDENT SERVICE-LEARNING

English/Language Arts

- P** - Research child centered environmental books and discuss.
- IA** - Plant trees and flowers for school based on literature/fantasy gardens.
- DA** - Read/dramatize environmental stories to young children (example: *The Lorax*).
- AA** - Produce environmental issue of school newspaper to document research done in all disciplines.
- R** - Write poems in support of the environment.

Health/Physical Education

- P** - Study effect of pollution on lungs/disease.
- IA** - Hold a walkathon on behalf of an environmental organization.
- DA** - Sponsor and teach an environmentally friendly hiking/camp session at a local elementary school.
- AA** - Create a video advocating healthy ways to stop pollution/smoking.
- R** - Discuss lifestyle versus pollution: city, rural, suburb, and impact on individuals.

Math

- P** - Research environmental facts and figures. Discuss.
- IA** - Collect recyclables around school and graph the amount collected.
- DA** - Sponsor and host a community recycling program (or work at a recycling center).
- AA** - Do morning announcements using environmental facts discovered.
- R** - Compute impact if all county schools recycled.

Family Studies

- P** - Discuss effect of lead paint/environmental pollution on children.
- IA** - Create and provide environmentally safe cleaning products to a shelter.
- DA** - Collect and refurbish children's toys and donate to a shelter. Play with children when toys are delivered.
- AA** - Create educational pamphlet on environmental hazards around the home and distribute.
- R** - Discuss how parents/others can teach children to be environmentally conscious.

Art

- P** - Read about effect of air pollution on art works/need for filters in photography because of pollution.
- IA** - Clean statues/outdoor art works in parks, etc.
 - Sell artwork and donate money to environmental agency.
 - Create a design for the recycled paper pads.
- DA** - Plant artistic gardens for local park.
- AA** - Display photos of effect of air pollution on artwork.
- R** - Display photo exhibit of IA projects.

Science

- P** - Discuss how biotechnology is used to clean the environment.
- IA** - Donate recycling bins to a school or other organization.
- DA** - Plant a garden at a local park using copost/environmentally friendly products with residents at a nursing home or shelter.
- AA** - Teach young children information researched in preparation.
- R** - Display results of the garden through pictures and educational prompts for the bulletin board.

Business Education

- P** - Examine problems of waste in workplace and efforts to control.
- IA** - Sell recycled paper pads and donate money to environmental group.
- DA** - Teach residents to make recycled paper for use at shelter, nursing homes, etc.
- AA** - Make posters to encourage waste reduction in offices. Post.
- R** - Display types of papers made and how they help environment.

ENVIRONMENT

Music

- P** - Research music related to environmental issues. Play and discuss (Native American songs are excellent sources).
- IA** - Collect old tapes and records from people and donate to a shelter.
- DA** - Teach environmentally friendly songs to young children.
- AA** - Write songs in support of the earth and our environment.
- R** - Reflect on how Native American music evokes images and feelings.

Foreign Language

- P** - Compare packaging in America to country of language being studied.
- IA** - Write environmentally friendly poetry in language being studied and share.
- DA** - Teach others environmental laws and how to recycle.
- AA** - Display universal symbols used in environment to show global concern for environment.
 - Sell/donate string shopping bags.
- R** - Reflect on the environmental health of other countries.

Technology Education

- P** - Discuss limits of earth's resources and the technology used to recycle.
- IA** - Print pads from recycled paper and give to shelters, etc.
- DA** - Recycle tools and household items by cleaning up, fixing and giving to shelter. Teach residents how to use.
- AA** - Lobby local government to increase recycling, etc.
- R** - Brainstorm new ways to solve environmental problems.

Social Studies

- P** - Discuss how Bhopal, India, Chernobyl, Exxon Valdez, Love Canal happened and the impacts of each.
- IA** - Create a time line of environmental laws (when passed, etc.) and display in school.
- DA** - Conduct an environmental project with young children in an elementary school.
- AA** - Write letters in support of current environmental legislation.
- R** - Share responses from legislators and discuss.

Celebration

- Host an environmentally friendly picnic to celebrate the different projects.

Key

- P** - Preparation
- IA** - Indirect Action
- DA** - Direct Action
- AA** - Advocacy (action)
- R** - Reflection
- C** - Celebration